

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) A multiple camera video system, comprising:

a plurality of cameras each having a microphone, wherein said plurality of cameras include a master camera and a plurality of slave cameras, whereby said master camera is pointing at a target;

a master monitoring unit, coupled to said master camera, ~~pan head that positions positioning a selected~~ said master camera and determines, based on parameters of said master camera, slave parameters of said plurality of slave cameras, wherein said master camera and said plurality of slave cameras are positioned around a scene including said target, wherein said parameters of said master camera include camera tilt angle, focal distance to said target, and ground distance to said target ~~from said plurality of cameras, wherein said master pan head includes a height intersect adjustment, wherein said height intersect is selected using the wheel on a computer mouse; and~~

wherein said a master monitoring unit, which is coupled to said plurality of slave cameras, transmits said slave parameters to ~~broadcaster computer for calculating telemetry for~~ at least one slave camera from said plurality of slave cameras, wherein said slave parameter are used to adjust said at least one slave camera so a size of said target in an image from said master camera and said at least one slave camera is substantially the same, wherein said master monitoring unit also includes a storage device for storing said image and audio data from said plurality of cameras; and wherein said master monitoring unit overlays an output from each of said microphones

in the same moment of time based on the speed of sound and a distance from each of said microphones to said target.

2. (Currently Amended) The system of Claim 1, wherein said master monitoring unit ~~pan-head~~ is remote from said plurality of cameras.

Claim 3. (Cancelled)

4. (Currently Amended) The system of Claim 1, wherein said master ~~pan-head~~ camera includes a zoom adjustment.

Claims 5 and 6. (Cancelled)

7. (Original) The system of Claim 1, further comprising:
a plurality of robotic pan heads upon which each of said plurality of cameras is mounted for remotely controlling said plurality of cameras.

8. (Original) The system of Claim 7, wherein said robotic pan heads include a pan and tilt function.

9. (Currently Amended) The system of Claim 8, wherein the pan and tilt axes of the robotic pan heads intersect at a point within the body of said plurality of cameras, respectively.

10. (Currently Amended) The system of Claim 1, further comprising:
at least one paint station connected to said master monitoring unit ~~broadcaster~~
~~computer~~.

11. (Currently Amended) The system of Claim 10, wherein ~~each of~~ said at least
one paint stations comprises:

a monitor;

an input device; and

a paint station computer running paint station software.

12. (Original) The system of Claim 11, wherein said paint station is capable of
adjusting an attribute of at least one of said plurality of cameras.

13. (Original) The system of Claim 12, wherein said attribute is selected from
the group consisting of red paint, green paint, blue paint, shutter, iris, zoom, and focus.

14. (Original) The system of Claim 12, wherein the paint station can adjust said
attribute on more than one of said plurality of cameras simultaneously.

15. (Currently Amended) The system of Claim 12, wherein said camera attribute
can be adjusted while said slave parameters are ~~the camera telemetry is~~ being
automatically controlled by the master monitoring unit ~~broadcaster computer~~.

16. (Original) The system of Claim 12, wherein the number of said at least one paint stations is at least one-fifth the number of cameras.

17. (Original) The system of Claim 1, further comprising: at least one calibration station.

18. (Original) The system of Claim 17, wherein said at least one calibration station is capable of creating a point calibration table for each of said plurality of cameras.

19. (Original) The system of Claim 17, wherein said at least one calibration station is capable of creating a zoom calibration table for each of said plurality of cameras.

20. (Original) The system of Claim 17, wherein said at least one calibration station is capable of creating a focal calibration table for each of said plurality of cameras.

21. (Original) The system of Claim 17, wherein the number of said at least one calibration station is at least one-fifth the number of cameras.

22. (Original) The system of Claim 1, further comprising: at least one video storage device.

23. (Original) The system of Claim 22, wherein said at least one video storage device is a plurality of digital disc recorders.

24. (Original) The system of Claim 22, wherein said at least one video storage device is a file server.

25. (Original) The system of Claim 23, further comprising:
a digital router connecting the outputs of each of said plurality of digital disc recorders; and
a first slow motion controller.

26. (Original) The system of Claim 25, wherein said slow motion controller is capable of selecting a router output from the plurality of digital disc recorders.

27. (Original) The system of Claim 25, wherein said slow motion controller is capable of controlling each of the plurality of digital disc recorders simultaneously.

28. (Original) The system of Claim 27, wherein said slow motion controller is capable of controlling the forward and backward motion of the output of each of said plurality of digital disc recorders.

29. (Original) The system of Claim 25, further comprising:

an additional digital disc recorder connected to the output of said digital router.

30. (Original) The system of Claim 29, further comprising:

a second slow motion controller for controlling the output of said additional digital disc recorder.

31. (Amended) The system of Claim 1, further comprising:

a communications medium coupling the plurality of cameras to said master monitoring unit ~~the master broadcaster computer~~.

32. (Original) The system of Claim 31, wherein said communications medium is fiber optic cable.

33. (Original) The system of Claim 32, wherein said fiber optic cable is multi-mode fiber optic cable.

34. (Original) The system of Claim 31, wherein said communications medium is triaxial cable.

35. (Original) The system of Claim 34, wherein a semiconductor in said triaxial cable is used to modulate camera telemetry information and captured image data.

36. (Original) The system of Claim 31, wherein said communications medium is a wireless RF connection.

37. (Original) The system of Claim 1, further comprising: a cam-A computer.

38. (Currently Amended) The system of Claim 1, further comprising: ~~a plurality of microphones; and~~
a microphone computer for combining the outputs of said ~~plurality of~~ microphones.

39. (Original) The system of Claim 38, wherein said microphones are directional microphones.

40. (Amended) The system of Claim 38, wherein said microphones are spaced around a target ~~object~~ that is being recorded.

Claim 41. (Cancelled)

42. (Currently Amended) The system of Claim 40 ~~41~~, wherein the ~~calculated~~ speed of sound includes an adjustment for the altitude of the microphone and the relative humidity at the site of the microphone.

43. (Currently Amended) The system of Claim 40 ~~41~~, wherein the output of each of said microphones is connected to a digital mixer which is controlled by said microphone computer.

Claims 44-79. (Cancelled)